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MATERIALS AND METHODS TO MODULATE LIGAND  
BINDING/ENZYMATIC ACTIVITY OF ALPHA BETA PROTEINS  
CONTAINING AN ALLOSTERIC REGULATORY SITE  
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1/1

Figure 1 - LFA-1 I Domain Amino Acid Sequence

GNVDLVFLFD GSMSLQPDEF QKILDPMKDV MKKLSNTSYQ FAAVQFSTSY KTEFDPSDV  
KWKDPDALLK HVKHMNLLTN TFGAINYVAT EVFREELGAR PDATKVLI III TDGEATDSGN  
IDAADKIIRY IIGIGKHFQI KESOETLHKF ASKPASEFVK ILDTFEKLKD LFTELOKKIY

FIGURE 2 - LFA-1 Amino Acid Sequence

MKDSCITVMA	MALLSGFFFF	APASSYNILDV	RGARSFSPPR	AGRHFQYRVL	QVGNGVIVGA
PGEGNSTGSL	YOCQSGTGH	LPVTLGSNY	TSKYLGMTLA	TDPTDGSILA	CDPGLSRTCD
QNTYLSGLCY	LFRQNLOGPM	LQGRPGFQEC	IKGNDLVFL	FDGMSLQPD	EFQKILDFMK
DVMKKLSNTS	YQFAAVQFST	SYKTEFDPSD	YVKWKPDA	LKHVKHMLL	TNTFGAINYV
ATEVFREELG	ARP DATKVLI	IITDGEATDS	GNIDAACKII	RYIIGIGKHF	QTKEQSQETLH
KFASKPASEF	VKILDTEFKL	KDLFTELQKK	IYVIEGTSKQ	DLTSFNMELS	SSGISADLSR
GHAVVGAVGA	KDWAGGFSDL	KADLQDDTFI	GNEPLTPEVR	AGYLGYTWT	LPSRQKTSLL
ASGAPRYQHM	GRVLLFQEQ	GGGHWSQVQT	IHGTQIGSYF	GGELCGVVD	QDGETELLI
GAPLFYGEQR	GGRVFIYQRR	QLGFEEVSEL	QGDPGYPLGR	FGEAITALTD	INGDGLVDVA
VGAPLEEQGA	YVIFNGRHHG	LSPQPSQRIE	GTQVLSGIQW	PGRSIHGVKD	LEGDGLADVA
VGAESQMVIL	SSRPVVDMVT	LMSFSPAEIP	VHEVECSYST	SNKMKEGVNI	TICFQIKSLY
PQFQGRILVAN	LTYTLQLDGH	RTRRRGLFPG	GRHELRRNIA	VTTMSCTDF	SFHFPVCVQD
LISPINVSLN	PSLWEEEETP	RDQRAQGKDI	PPILRPLSLS	ETWEIPFEK	CGEDKKEAN
LRVSPSPARS	RALRLTAFAS	LSVELLSLSNL	EEDAYWVQLD	LHFPPLGSLPR	KVEMLKPHSQ
IPVSCEELPE	ESRLLSRALS	CNVSSPIKFA	GHSGVALQMMF	NTLVNSSWGD	SVELHANVTC
NNEDSDLLE	NSATTIIPIL	YPINILIQDQ	EDSTLYVSFT	PKGPKIHQVK	HMYQVRIQPS
IHDHNIPPLE	AVVGVPQPPS	EGPITHQWSV	QMEPPVPCHY	EDLERLPDAA	EPCLPGALFR
CPVVFQRQEL	VQVIGTLELV	GEIEASSMFS	LCSSLISFN	SSKHFHLYGS	NASLAQVMK
VDVYYEKQML	YLYVLSGIGG	LLLLLLIFIV	LYKVGFFKRN	LKEKMEAGRG	VPNGIPAEDS
EQLASGQEAG	DPGCLKPLHE	KDSESGGGKD			